INFORMATION REPORT FORMAT

CENTRAL INTELLIGENCE AGENCY

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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1. The factory of Veltechna National Enterprise in Cakovice, near Prague, is located approximately 800 meters east of the center of Cakovice. From 1945 to 1948 it was part of Krisik National Enterprise, but is now an independent concern under Main Administration No. 1 (Main Administration of Electrical Engineering) of the Ministry of Engineering. Main Administration No. 1 is headed by Buric (fnu

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2. Until 1951, Lestinsky (fnu), who probably now has a position in the Ministry of Engineering, was the director of Veltechna. Since 1951, the director of the enterprise has been Pluskal (fnu) who was previously one of the leading personnel of CKD Modrany National Enterprise in Prague-Modrany and MEZ Krompachy National Enterprise in Krompachy (N 48-55, E 20-52).

25X1

Hradil (fnu) is deputy director. Hradil is actually the manager of the enterprise and was appointed to his post by the Ministry of State Control

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Recently, in the presence of a group of trade-union delegates, Hradil criticized Pluskal for standing aloof from the workers and for trying to restrict efficiency bonus payments as much as possible.

3. Besides the director and deputy director, the plant has a security section, a cadre and personnel section, of which Zdenek Ouhrabka is chief, a planning office, commercial sections with sales and purchasing offices, and a technical office, directed by a chief engineer, which also contains a research office and an office of technical services. There is an auxiliary electric-power plant, which is used only in cases of serious failure of the public power network.

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STATE		ARMY		NAVY		AIR		FBI		AEC					
	x		x		x		x								

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

INFORMATION REPORT FORMAT

25X1

4. The plant manufactures electrical materials and equipment. The majority of the goods produced are for civilian consumption. However, the plant also has a shop which manufactures items for military use only, on orders from the army. The production of this shop is exclusively devoted to current rectifiers, which are probably intended to be used in tank engines. During 1954, the Veltechna plant delivered three or four rectifiers a week to the army. During 1955, this production was to have been transferred to another factory. The electrical equipment for civilian consumption consists primarily of dispatching (control panel) equipment for electric-power plants or distribution stations. Each unit of this kind consists of the following parts:

   a. A high-tension switchboard control (6,000 volts, 22,000 volts, 35,000 volts, 100,000 volts, and 200,000 volts) with or without luminous dials. Several different switches on the board permit easy operation of high-tension apparatus. Voltmeters, ammeters, and watt-hour meters and recording instruments are installed in the panels.

   b. An auxiliary distribution board with relays for protecting high-tension wires, electric counting instruments, recording instruments, and instruments for the control and operation of the board.

   c. A switch-board for signalling breakdowns. This board is usually located underneath the high-tension switchboard control described above. Relays which signal breakdowns in the current going through the high-tension lines, into the generators, compressers, and other equipment are located on this board.

   d. An operating board, at which the dispatcher sits who watches the most important instruments like the one which checks the operation of generators, etc.

   The size and the number of the boards vary with the importance of the electric-power station or the distribution station for which the apparatus is destined.

5. During 1954, the plant manufactured two complete dispatcher units for small electric-power stations or for small dispatcher stations, five complete units for medium-size electric-power plants, and eight complete units for large electric-power plants. The plant also delivered materials for the repairs of various electric-power and dispatcher stations. The total value of the goods produced at Veltechna during 1954 was somewhere around two million crowns.

6. During 1954, the Veltechna plant delivered dispatcher units to the following electric-power plants and power-distributing stations:

   a. Hydroelectric power station at Spytihnev (N 49-09, E 17-31) near Napajedla (N 49-10, E 17-32). This power station, which was almost completed during 1954, has four generators.

   b. Distributer station in Kosice. This medium-size station will be put into operation during 1955.

   c. Thermoelectric power station in Slovenska L'upca (N 48-46, E 19-17), near Banska Bystrica. The construction of this power station has high priority, given only to the most important projects (Vladni ukoly). The power station, which will supply the Biotika chemical plant in Slovenska L'upca, has three generators. The Veltechna plant designated the Slovenska L'upca power station project with the code name "Objective P-2."

   d. Distributer station in Marianske Lazne. The station will be completed in 1955 and is of medium importance.

   e. Distributer station in Uherske Hradiste (N 49-04, E 17-27). This station is being enlarged.

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f. Distributer station in Nova Paka (N 50-29, E 15-31). The station is only of small importance.

7. The Veltechna plant manufactured equipment for export to China which was delivered in 1954. The consignment consisted of dispatcher switchboards for important power stations in Shanghai, which are to be completed during 1956, and in Chapei (suburb of Shanghai), where the first generator should be placed in operation during 1955.

8. In June 1954, the research section of the Veltechna plant delivered electrical equipment which was ordered more than two years ago to VUMA (Vyzkumny ustav pro mechanizaciu a automatizaciu--Research Institute of Mechanization and Automation) in Nove Mesto nad Vahom (N 48-45, E 17-50). This was operating and signal equipment for an automatic ammunition-charging device. At Veltechna the order carried the designation "Z IOI." 25X1

[redacted] attached diagram (Annex C). VUMA is located in the former Chema factory, which manufactured gas masks before the last war.

Legend to Annex B--Sketch of the Veltechna Plant

1. Ground floor - security section.
   Second floor - telephone switchboard and sales office.
2. Basement - central heating unit, warehouse.
3. Entrance for pedestrians and vehicles.
4. Gatehouse.
5. Ground floor - payroll, operations office, and printing room.
   Second floor - offices of the diredtor, of the deputy director, and the chief engineer.
6. Ground floor - hydraulic press shop.
   Second floor - purchasing office.
7. Ground floor - paint and tool shops.
   Second floor - construction of distribution panels (dispatcher boards).
8. Ground floor structure - hydraulic press shops.
9. Ground floor - supply depot of weapons for the factory militia (some 30 rifles).
   Second floor - construction of distribution panels.
10. Ground floor - receiving room for goods.
    Second floor - construction of distribution panels.
11. Ground floor - hydraulic press shop.
    Second floor - planning office, also tool and die shop.
12. Gasoline pump for the plant's vehicles.
13. Wooden shed for storing iron.
14. Wooden shed used as carpentry shop.
15. Wooden shed used as maintenance shop.
16. A permanent two-story building - assembling of distribution panels.
17. Gas and electric-power station of the plant. The power station consists of one generator operated by two diesel engines, one of which is a Tatra 12-cylinder engine.
18. Kitchen and canteen.
19. Garages.
20. A wooden shed used for storage.
21. Paint warehouse.
22. Barbed-wire fence.
23. Exit from the plant for pedestrians and vehicles. 25X1
A. Dwelling houses in Cakovice.
B. Public park.

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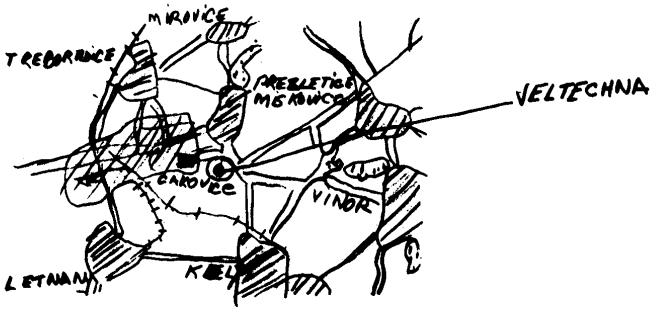
Legend to Annex C

Electric distribution panel for the automatic ammunition charger (for cartridges and shells).

1. Hidden insulating support of the distribution panel, 4 by 4 meters in size, and a diagram of the apparatus for automatic charging as installed on the operating board.
2. Powder magazines.
3. Mixer and powder conveyer.
4. Automatic casing transporter.
5. Signal lights.
6. Induction furnace for reheating of casings.
7. Induction furnace thermometer.
8. Conveyer for previously preheated casings.
9. Instruments for automatic charging.
10. Conveyer for bullets and projectiles.
11. Conveyer for finished products.
12. Automatic counting instrument.

This board requires the addition of another board with different switches for cutting off and establishing the necessary circuits for good operation of the apparatus. All breakdowns and shortcomings are signaled by a light which lights up on the board and indicates the fault.

LOCATION OF VELTECHNA NATIONAL ENTERPRISE IN CAKOVICE
(ANNEX A)



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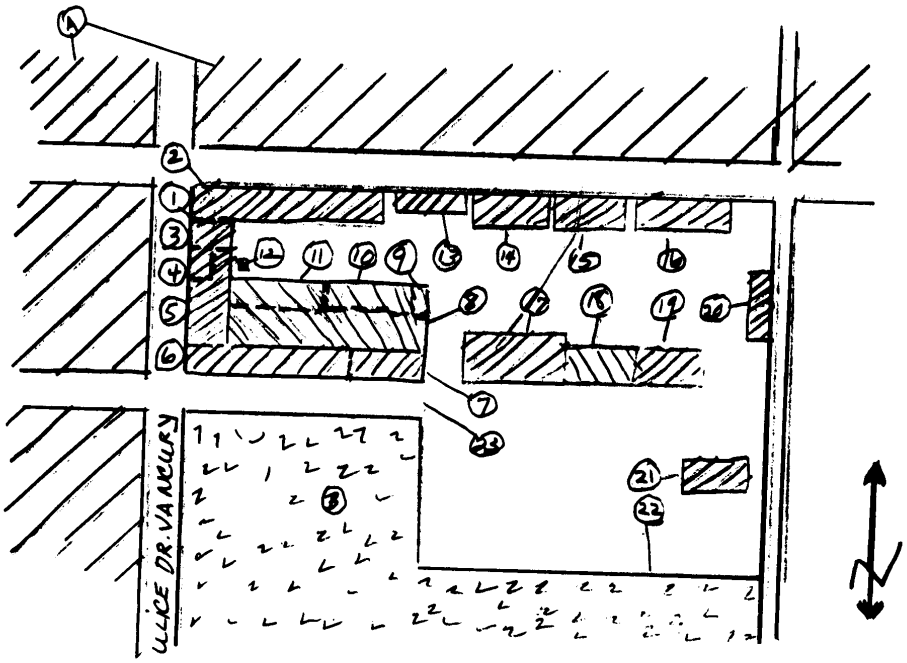
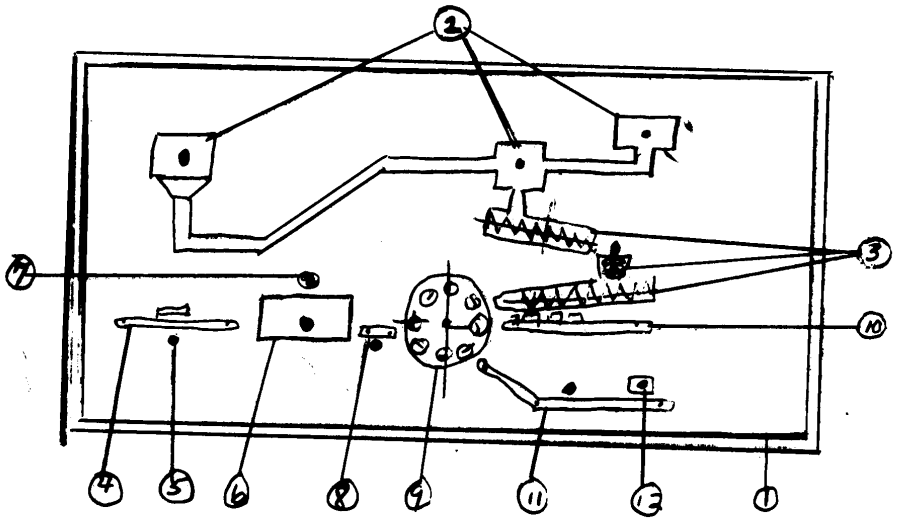
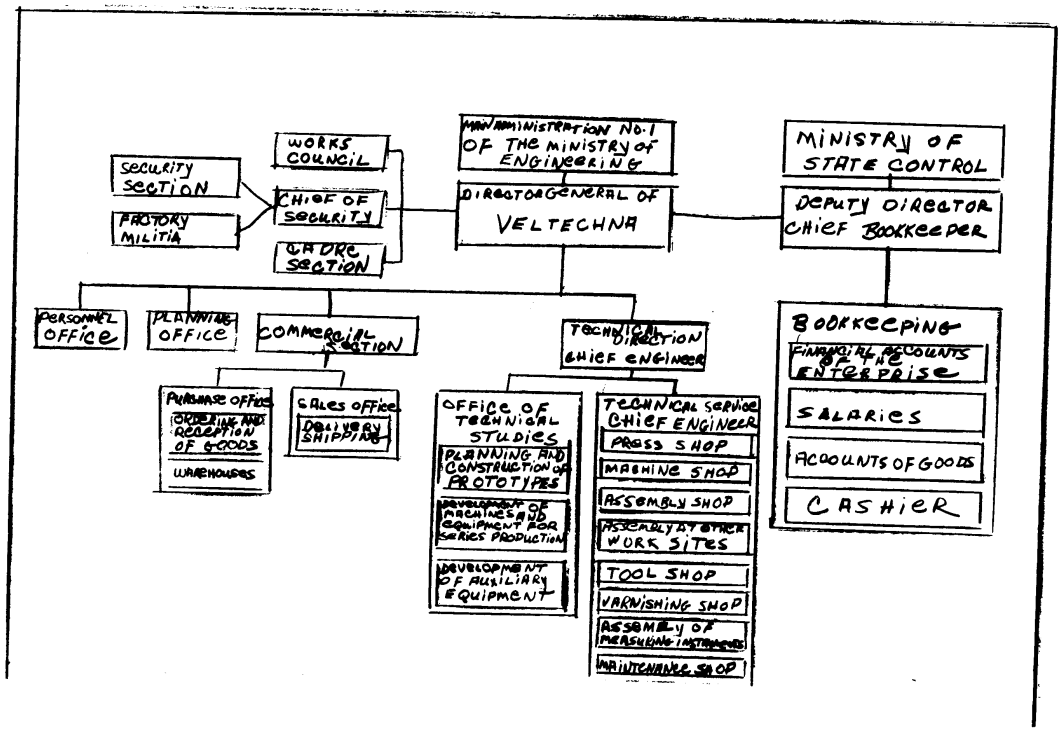
LAYOUT OF THE VELTECHNA FACTORY
(ANNEX B)



ELECTRIC DISTRIBUTION PANEL
(ANNEX C)



ORGANIZATION CHART OF VELTECHNA NATIONAL ENTERPRISE
(ANNEX D)



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